

### **A b s t r a c t**

Compressor, especially an axial piston compressor for a vehicle air-conditioning system, having a housing delimiting a drive mechanism chamber (17), having a cylinder block in which at least one piston is mounted so as to be axially displaceable back and forth, and having a cylinder head having a suction side and a delivery side, there being provided between the drive mechanism chamber (17) and the suction side (18) a fluid connection (12, 13) in which there is arranged a regulating valve (10) by means of which, starting from a predetermined pressure difference between the drive mechanism chamber (17) and the suction side (18), the fluid connection between the drive mechanism chamber and the suction side is increasingly throttled as the pressure difference further increases, in order that the mass flow flowing out is thereby maintained at an approximately constant low initial level.

(Fig. 3)